

SEQUENCE LISTING**(1) GENERAL INFORMATION:**

10 (i) APPLICANT: Jagannadha Sastry, et al.

(ii) TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ELICITING
AN IMMUNE RESPONSE

15 (iii) NUMBER OF SEQUENCES: 7

(iv) CORRESPONDENCE ADDRESS:

20 (A) ADDRESSEE: Arnold, White & Durkee

(B) STREET: P.O. Box 4433

(C) CITY: Houston

25 (D) STATE: Texas

(E) COUNTRY: USA

(F) ZIP: 77210

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(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk

35 (B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: WordPerfect 5.1

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(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: Unknown

45 (B) FILING DATE: September 16, 1992

(C) CLASSIFICATION: Unknown

5 (viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Parker, David L.

10 (B) REGISTRATION NUMBER: 32,165

(C) REFERENCE/DOCKET NUMBER: UTSC:305/PAR

(ix) TELECOMMUNICATION INFORMATION:

15 (A) TELEPHONE: 512-320-7200

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20 (C) TELEX: Not Applicable

(2) INFORMATION FOR SEQ ID NO:1:

25 (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15 amino acids

(B) TYPE: amino acid

30 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

35 (ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

40 Arg Ile Gln Arg Gly Pro Gly Arg Ala Phe Val Thr Ile Gly Lys
1 5 10 15

(3) INFORMATION FOR SEQ ID NO:2:

45 (i) SEQUENCE CHARACTERISTICS:

- 5 (A) LENGTH: 19 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
10 (D) TOPOLOGY: linear
(ii) MOLECULE TYPE: peptide
15 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Cys Arg Ile Lys Gln Ile Ile Asn Met Trp Gln Gly Val Gly Lys Ala
1 5 10 15
20 Met Tyr Ala

- (4) INFORMATION FOR SEQ ID NO:3:
25 (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24 amino acids
30 (B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
35 (ii) MOLECULE TYPE: peptide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

40 Asn Asn Thr Arg Lys Ser Ile Arg Ile Gln Arg Gly Pro Gly Arg Ala
1 5 10 15
Phe Val Thr Ile Gly Lys Ile Gly
45 20

5 (5) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

10 (A) LENGTH: 13 amino acids

(B) TYPE: amino acid

(C) STRANDEDNESS: single

15 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

20 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

Glu Gln Leu Trp Val Thr Val Tyr Tyr Gly Val Pro Val
1 5 10

5 (6) INFORMATION FOR SEQ ID NO:5:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 8 amino acids
10 (B) TYPE: amino acid
(C) STRANDEDNESS: single
15 (D) TOPOLOGY: linear
(ii) MOLECULE TYPE: peptide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

20
Arg Ala Phe Val Thr Ile Gly Lys
1 5

25 (7) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 13 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
35 (D) TOPOLOGY: linear
(ii) MOLECULE TYPE: peptide
40 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

Thr Lys Gly Pro Gly Arg Val Ile Tyr Ala Thr Gly Gln
1 5 10

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5 (8) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

10 (A) LENGTH: 13 amino acids

(B) TYPE: amino acid

(C) STRANDEDNESS: single

15 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

20 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr Lys Asn
1 5 10

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